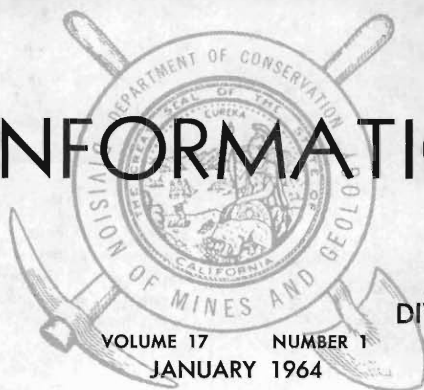


# MINERAL INFORMATION SERVICE

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## *Geology of* **PLACER DEPOSITS** *by Olaf P. Jenkins*

Those who were subscribers during the year 1963 received, as a special Christmas "bonus," a supplement to Mineral Information Service entitled, "Basic placer mining." It contained an article on small scale placer mining methods, one on dry placers, and some notes on prospecting for quartz veins, together with many drawings, illustrations, and a three-color map. Much of this material was abridged or revised from the Division's Bulletin 135, Placer mining for gold in California, originally issued in 1946. The bulletin has long been out of print.

With this issue of Mineral Information Service, we are beginning a serial to last through most of 1964. The serial is also taken from Bulletin 135; it is Olaf Jenkin's classic treatise on the geology of placer gold. Originally published in the California Journal of Mines and Geology in volume 31, issued in 1935, the article was reprinted in Bulletin 135. It is here again reprinted (with some abridgement) for the benefit of those who have never been able to obtain this valuable book. Subscribers for the year 1964 will receive the entire article, printed in various issues.

One of the chief abridgements is the omission of Dr. Jenkin's extensive bibliography. Those who would like more information will find a perusal of the original article in a public library (many libraries in California and elsewhere throughout the world have copies of Bulletin 135 for reference) will give them a wealth of data as to where to go for more information on any phase of the geology of placers. We regret our space prevents us from reprinting the entire invaluable bibliographic and footnote system.

Each time we have read this article, technical though it is, it has kindled in us an interest and an enthusiasm for its subject. We hope our readers will find it as provocative. --Edit.



Piles of gravel that have been worked by gold dredges in the recent past. Many of the streams of the Mother Lode have been dredged for their gold content, as attested by the sinuous boulder trains along their banks.

Channels of ancient streams have been mined in the past; it is likely that many such stream courses remain to be discovered.